

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Keisha Douglas

Timestamp: [year=2008; month=6; day=16; hr=9; min=5; sec=28; ms=388;]

=====

Application No: 10506958

Version No: 2.1

Input Set:**Output Set:****Started:** 2008-06-16 09:01:15.606**Finished:** 2008-06-16 09:01:17.488**Elapsed:** 0 hr(s) 0 min(s) 1 sec(s) 882 ms**Total Warnings:** 21**Total Errors:** 0**No. of SeqIDs Defined:** 21**Actual SeqID Count:** 21

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (17)
W 213	Artificial or Unknown found in <213> in SEQ ID (18)
W 213	Artificial or Unknown found in <213> in SEQ ID (19)
W 213	Artificial or Unknown found in <213> in SEQ ID (20)

Input Set:

Output Set:

Started: 2008-06-16 09:01:15.606
Finished: 2008-06-16 09:01:17.488
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 882 ms
Total Warnings: 21
Total Errors: 0
No. of SeqIDs Defined: 21
Actual SeqID Count: 21

Error code

Error Description

This error has occurred more than 20 times, will not be displayed

<110> Braven, Helen
Keay, Russell

<120> Nucleic acid probes, their synthesis and use

<130> ATLAS 8095 US

<140> 10/506,958

<141> 2005-05-02

<150> PCT/GB03/000613

<151> 2003-02-11

<160> 21

<170> PatentIn version 3.4

<210> 1

<211> 26

<212> DNA

<213> Artificial

<220>

<223> ACTB (beta actin) probe BAPR

<400> 1

atgccctccc ccatgccatc ctgcgt

26

<210> 2

<211> 25

<212> DNA

<213> Artificial

<220>

<223> ACTB (beta actin) Probe C9-T1BAPR

<220>

<221> misc_feature

<222> (1)..(1)

<223> amino modified thymine with C9 linker, Formula IV

<400> 2

tgccctcccc catgccatcc tgcgt

25

<210> 3

<211> 25

<212> DNA

<213> Artificial

<220>

<223> ACTB (beta actin) primer BAF

<400> 3

cagcggaacc gctcattgcc aatgg

25

<210> 4

<211> 25

<212> DNA
 <213> Artificial

 <220>
 <223> ACTB (beta actin) primer BAR

 <400> 4
 tcacccacac tgtgcccatc tacga 25

 <210> 5
 <211> 18
 <212> DNA
 <213> Artificial

 <220>
 <223> ACTB (beta actin) primer BAFR

 <400> 5
 caggtcccgg ccagccag 18

 <210> 6
 <211> 18
 <212> DNA
 <213> Artificial

 <220>
 <223> C282Y (HFE gene, C282Y mutation) Probe C282YP

 <400> 6
 atatacgtgc caggtgga 18

 <210> 7
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> C282Y (HFE gene, C282Y mutation) Primer C282YF

 <400> 7
 ctggataact tggctgtac 19

 <210> 8
 <211> 19
 <212> DNA
 <213> Artificial

 <220>
 <223> C282Y (HFE gene, C282Y mutation) Primer C282YR

 <400> 8
 tcagtcacat accccagat 19

 <210> 9
 <211> 18
 <212> DNA
 <213> Artificial

<220>

<223> H63D (HFE gene, H63F mutation) Probe H63DP

<400> 9
atatacgtgc caggtgga 18

<210> 10
<211> 22
<212> DNA
<213> Artificial

<220>

<223> H63D (HFE gene, H63F mutation) Primer H63DF

<400> 10
cttggtcttt ccttggttga ag 22

<210> 11
<211> 22
<212> DNA
<213> Artificial

<220>

<223> H63D (HFE gene, H63F mutation) Probe H63DR

<400> 11
acatctggct tgaaattcta ct 22

<210> 12
<211> 23
<212> DNA
<213> Artificial

<220>

<223> CFTR (cystic fibrosis transmembrane conductance regulator)
Primer CFT01

<400> 12
aggcctagtt gtcttacagt cct 23

<210> 13
<211> 21
<212> DNA
<213> Artificial

<220>

<223> CFTR (cystic fibrosis transmembrane conductance regulator)
Primer CFT03

<400> 13
tgccccctaa tttgttactt c 21

<210> 14
<211> 27
<212> DNA
<213> Artificial

<220>
 <223> G6PC (glucose-6-phosphatase) probe GSDPR

 <400> 14
 tgtggatgtg gctgaaagtt tctgaac 27

 <210> 15
 <211> 18
 <212> DNA
 <213> Artificial

 <220>
 <223> G6PC (glucose-6-phosphatase) Primer GSDw

 <400> 15
 ccgatggcga agctgaac 18

 <210> 16
 <211> 20
 <212> DNA
 <213> Artificial

 <220>
 <223> G6PC (glucose-6-phosphatase) Primer GSDcom

 <400> 16
 tgctttcttc cactcaggca 20

 <210> 17
 <211> 29
 <212> DNA
 <213> Artificial

 <220>
 <223> ACADM (medium chain acyl-CoA dehydrogenase) Probe
 MC11PR

 <400> 17
 ctagaatgag ttaccagaga gcagcttg 29

 <210> 18
 <211> 20
 <212> DNA
 <213> Artificial

 <220>
 <223> ACADM (medium chain acyl-CoA dehydrogenase) Primer
 MC11w

 <400> 18
 gctggctgaa atggcaatga 20

 <210> 19
 <211> 25
 <212> DNA
 <213> Artificial

<220>
 <223> ACADM (medium chain acyl-CoA dehydrogenase) Primer
 MC11com

<400> 19
 ctgcacagca tcagtagcta actga 25

<210> 20
 <211> 43
 <212> DNA
 <213> Artificial

<220>
 <223> Hairpin oligonucleotide reHP

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> C12 amino modified at the 5' end

<400> 20
 cagaatacag caggtgctcg cccgggagag cacctgtatt ctg 43

<210> 21
 <211> 40
 <212> DNA
 <213> Artificial

<220>
 <223> Single strand oligonucleotide reBAF

<220>
 <221> misc_feature
 <222> (1)..(1)
 <223> C12 amino modified at the 5' end

<400> 21
 cagattacag caggttcacc cacactgtgc ccactctacga 40